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PRELIMINARY AMENDMENT

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NIT-270-03

IN THE CLAIMS

Cancel claims 1-14 without prejudice or disclaimer and add new claims 15-22 as set forth below:

Claims 1 through 14 (Canceled)

15. (New) Perpendicular magnetic recording media, comprising:

a substrate;

a first recording layer formed above the substrate, which has perpendicular magnetic anisotropy; and

a second recording layer laminated on the first recording layer, which has perpendicular magnetic anisotropy, wherein:

an exchange stiffness constant between grains of the first recording layer is $0.05 \times 10^{-11} \, \text{J/m}$ or less; and an exchange stiffness constant between grains of the second recording layer is $0.15 \times 10^{-11} \, \text{J/m}$ to $0.8 \times 10^{-11} \, \text{J/m}$.

16. (New) Perpendicular magnetic recording media according to claim 15, further comprising:

an underlayer formed between the substrate and the first recording layer.

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17. (New) Perpendicular magnetic recording media according to claim 16, wherein the underlayer has high permeability characteristics.

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- 18. (New) Perpendicular magnetic recording media according to claim 16, wherein the underlayer comprises Ni-Fe.
- 19. (New) Perpendicular magnetic recording media comprising,

a substrate;

a first recording layer formed above the substrate and provided with perpendicular magnetic anisotropy;

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a second recording layer laminated on the first recording layer and provided with perpendicular magnetic anisotropy, wherein:

the exchange stiffness constant showing the magnitude of magnetic exchange interaction between grains of the first recording layer is $0.05 \times 10^{-11} \, \text{J/m}$ or less;

the exchange stiffness constant showing the magnitude of magnetic exchange interaction between grains of the second recording layer is a range of $0.05 \times 10^{-11} \, \text{J/m}$ to $0.08 \times 10^{-11} \, \text{J/m}$;

a sum of a thickness of the first recording layer and a thickness of the second recording layer is 10 to 100 nm; and

a ratio of the thickness of the second recording layer is in a range of 0.5 to 1.0.

20. according to claim 19, further comprising:

num 19, further comprising:

an underlayer formed between the substrate and the limit of the rading layer.

(New) Perpendicular magnetic --
to claim 20 first recording layer.

- 21. according to claim 20, wherein the underlayer has high permeability characteristics.
- (New) Perpendicular magnetic recording media 22. according to claim 20, wherein the underlayer comprises Ni-Fe.